

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

30-039-23354

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Scotch Com
2. Name of Operator Merrion Oil & Gas Corporation		9. Well No. 1
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499		10. Field and Pool, or Wildcat Counselors Gallup <i>ext</i>
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>925</u> FEET FROM THE <u>North</u> LINE AND <u>680</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>17</u> TWP. <u>23N</u> RGE. <u>6W</u> NMPM		12. County Rio Arriba
19. Proposed Depth 5720'		19A. Formation Gallup
20. Rotary 5720' 0 - TD		
21. Elevations (Show whether DF, RT, etc.) 6822' GL	21A. Kind & Status Plug. Bond Nationwide	21B. Drilling Contractor Unknown
		22. Approx. Date Work will start Winter/spring, 1984

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#/ft	200'	175	Surface
7-7/8"	4-1/2"	10.5#/ft	5720'	875	Above Ojo Alamo

Propose to drill 12-1/4" hole to 200 ft. Set 200 ft. of 8-5/8" 20#/ft. new surface casing with 175 sx Class B 2% CaCl₂. Will drill 7-7/8" hole to TD and run open hole logs. If logs appear productive, will run 4-1/2", K-55, 10.5#/ft. new casing to TD and 2 stage cement. 1st stage 175 sx Class H 2% Gel to cover Gallup. Stage tool below Point Lookout @ 4650' est. 2nd stage 600 sx Class B with 2% D-79 followed by 100 sx Class H 2% gel. Will bring cement above Ojo Alamo. Drilling mud will be low water loss gel, fresh water, starch. Will perforate and frac as necessary. Blowout prevention equipment will be 10" 900 series double ram.

ESTIMATED TOPS

Ojo Alamo	1397	Lewis	2122
Kirtland	1562	Mesa Verde	3522
Fruitland	1847	Mancos	4437
PicturedCliffs	1982	Gallup	5270

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DEC - 7 1983

OIL CON. DIV.
DIST. 3

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Operations Manager Date 12/6/83

(This space for State Use)

PROVED BY [Signature] TITLE OPERATIONS DISTRICT #3 DATE DEC 7 - 1983

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] DATE JUNE 1/2 1984
THIS PERMIT IS VALID FOR 12 MONTHS
IF NOT USED IT MUST BE SUBMITTED

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section.

Operator: MERRION OIL & GAS CORPORATION			Lease SCOTCH COM		Well No. 1
Unit Letter A	Section 17	Township 23N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 925 feet from the North line and 680 feet from the East line					
Ground Level Elev. 6822	Producing Formation Gallup		Pool Counselors Gallup		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Sec.		SF 078359
17		RECEIVED DEC - 7 1983 OIL CON. DIV. DIST. 3

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Steve S. Dunn

Position

Operations Manager

Company

Merrion Oil & Gas Corporation

Date

12/6/83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 30, 1983

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 4, KERR, N.M.

3950

Scale: 1"=1000'